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Extension Service Circular 103

April, 1929

EXTENSION SERVICE CIRCULARS

of the
United States Department of Agriculture

NUMBERS 1 TO 100 INCLUSIVE

Issued from March, 1926, to April, 1929



UNITED STATES DEPARTMENT OF AGRICULTURE

Extension Service.....C.W. WARBURTON *Director*

Office of Cooperative Extension Work.....C.B. SMITH *Chief*

Washington, D. C.

MAY 15 1929

EXPERIMENT STATION FILE

Cooperative Extension Work in Agriculture and Home Economics

Extension Service Circular 103

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The extension service circulars issued by the United States Department of Agriculture, whose titles and serial numbers are given in the following pages, have been mimeographed in limited editions only. Distribution to extension workers and to the libraries of State agricultural colleges and experiment stations has already been made. Those circulars which are indicated as being no longer available may be consulted at the State agricultural college or experiment station library. A few additional copies may be obtained of available circulars as long as the supply lasts. Requests should give title and serial number and should be sent direct to the Office of Cooperative Extension Work, United States Department of Agriculture, Washington, D. C.

DISTRIBUTION: One copy of this circular has been sent to each State extension director, State supervisor of extension work, extension editor, library of State agricultural college, and library of experiment station.

Numerical List

of Department of Agriculture Extension Service Circulars

- *ESC 1. State extension programs and their relation to agricultural research. W. A. Lloyd. March, 1926.
- *ESC 2. The extension ladder. The principles of salesmanship applied to extension. W. A. Lloyd. March, 1926.
- *ESC 3. Methods of extension teaching. H. W. Hochbaum. April, 1926.
- *ESC 4. Club data from extension studies. M. C. Wilson. April, 1926.
- *ESC 5. Effect of weather conditions on percentage of moisture in market corn. O. S. Fisher. April, 1926.
- *ESC 6. Objectives, methods, and results of home demonstration work. Grace E. Frysinger. April, 1926.
- *ESC 7. Junior poultry clubs. Excerpts from 1924 annual reports of State and county extension agents. M. C. Wilson. May, 1926.
- *ESC 8. Statistical results of cooperative extension work, 1925. M. C. Wilson. May, 1926.
- *ESC 9. Extension campaigns. H. W. Hochbaum. June, 1926. (For revision see printed publication, U. S. Dept. Agr. Circ. 58, "Planning and conducting extension campaigns.")
- *ESC 10. Extension work in the newer agriculture. C. W. Warburton. June, 1926.
- *ESC 11. Comments on extension work in the North Central States. C. B. Smith. June, 1926.

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

- *ESC 12. Selected list of books for use in 4-H club work. Gertrude L. Warren. June, 1926.
- ESC 13. Use of fundamental principles of teaching. A. B. Graham. June, 1926.
- *ESC 14. Growth work with 4-H clubs. Miriam Birdseye. October, 1926.
- *ESC 15. The older girl in the extension program. Gertrude L. Warren. July, 1926.
- *ESC 16. Games for 4-H clubs - tag games. R. G. Foster. July, 1926.
- *ESC 17. County-agent standards. H. W. Gilbertson. July, 1926.
(For revision see ESC 66.)
- *ESC 18. Extension work in agronomy, 1925. O. S. Fisher. July, 1926.
- ESC 19. Some fundamentals of extension teaching. A. B. Graham. July, 1926.
- ESC 20. Agricultural extension work in the 11 Western States, 1925.
Eugene Merritt. July, 1926.
- ESC 21. County-agent supervision. H. W. Gilbertson. July, 1926.
- ESC 22. Swine sanitation. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson and C. D. Lowe.
August, 1926.
- ESC 23. Foreign agricultural extension activities. Canada, England and Wales, Mexico, Peru, United States of Colombia, Sweden, Italy, Germany, and Union of South Africa. J. M. Stedman. August, 1926.
- *ESC 24. Marketing activities - farm women and girls. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson. September, 1926.
- *ESC 25. Poultry housing. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson, October, 1926.
- ESC 26. A study of demonstrations as used in cooperative extension work. W. J. Wright. October, 1926.
- *ESC 27. Ten years of home management in the extension program. Madge J. Reese. October, 1926. (See U. S. Dept. Agr. Circ. 17.)
- ESC 28. Alfalfa. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson and O. S. Fisher. November, 1926.
- ESC 29. House furnishings. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson. November, 1926.

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

- ESC 30. Kitchen arrangement. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson. December, 1926.
- ESC 31. Some factors affecting tenure in extension work. W. A. Lloyd. December, 1926.
- *ESC 32. Summary of distinctive features of 1925 home demonstration reports of the 11 Western States. Madge J. Reese. December, 1926.
- ESC 33. Local leadership and the effectiveness of extension work in reaching rural people. A study of 169 local extension leaders, 439 farms, and 92 village homes in Hamlin County, S. Dak., 1925. M. C. Wilson and W. F. Kumlien. December, 1926.
- ESC 34. Clothing construction. Excerpts from 1926 annual reports of State and county extension agents. M. C. Wilson. February, 1927.
- ESC 35. Foreign agricultural extension activities. Canada, England, Ireland, Australia, Germany, Czechoslovakia, and Poland. J. M. Stedman. February, 1927.
- ESC 36. Practice of forestry upon private lands as influenced by forestry extension. G. H. Collingwood. February, 1927.
- ESC 37. Training 4-H leadership. R. G. Foster. March, 1927.
- ESC 38. Developments in negro extension work. C. B. Smith. March, 1927.
- ESC 39. Farmers' institutes, 1926. J. M. Stedman. April, 1927.
- ESC 40. Copper-carbonate treatment for stinking smut of wheat. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. March, 1927.
- ESC 41. Feed resources. Western States. May, 1927.
- ESC 42. Statistical results of cooperative extension work, 1926. M. C. Wilson. May, 1927.
- ESC 43. Extension projects in rural community organization. C. H. Schopmeyer. May, 1927.
- ESC 44. Foreign agricultural extension activities. Canada, Scotland, Belgium, Germany, and Union of South Africa. J. M. Stedman. June, 1927.
- ESC 45. Potato spraying. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. June, 1927.
- ESC 46. Attitudes and problems of farm youth. E. L. Kirkpatrick. June, 1927.
- ESC 47. Summary of information. Clothing project, 1926. Madge J. Reese. June, 1927.

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

- ESC 48. After five years. Review of fact organization and State and regional program making in the Western States. W. A. Lloyd. July, 1927. (Address at conference of Western State extension workers, Reno, Nev., July 11, 1927.)
- *ESC 49. Local leadership. Clothing project. Excerpts from 1926 annual reports of State and county extension agents. M. J. Reese and M. C. Wilson. July, 1927.
- ESC 50. Home demonstration work, 1926. Grace E. Frysinger. July, 1927.
- ESC 51. Measuring the progress of extension work. A study of 590 farms and farm homes in two Illinois counties. M. C. Wilson, W. H. Smith, and Kathryn Van Aken. July, 1927.
- ESC 52. Does education pay the farmer? F. A. Merrill. August, 1927.
- ESC 53. Use of illustrative material in the promotion of boys' and girls' 4-H club work. C. H. Hanson. August, 1927.
- ESC 54. Seed-potato improvement and certification. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. August, 1927.
- ESC 55. Special courses for preparation of agricultural and home-economics extension teachers. E. H. Shinn and F. A. Merrill. September, 1927.
- ESC 56. Marketing activities - farm women and girls. Excerpts from 1926 annual reports of State and county extension agents. M. C. Wilson. September, 1927.
- ESC 57. Influence of bulletins, news stories, and circular letters upon farm practices with special reference to methods of bulletin distribution. M. C. Wilson. September, 1927. (Address at conference of American Association of Agricultural College Editors, Fort Collins, Colo., August 25-26, 1927.)
- ESC 58. Teaming with the county agent. H. W. Hochbaum. October, 1927. (Address at American Association of Agricultural College Editors, Fort Collins, Colo., August 23-26, 1927.)
- ESC 59. A study of land-grant college curricula with reference to special courses for the preparation of agricultural and home-economics extension teachers without considering agricultural, home-economics, and closely related science subjects. E. H. Shinn and F. A. Merrill. October, 1927.
- ESC 60. Looking forward in home demonstration work. Grace E. Frysinger. October, 1927. (Address at conference of American Home Economics Association, Asheville, N. C., June 22, 1927.)
- ESC 61. Orchard spraying. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. October, 1927.

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

- ESC 62. Foreign agricultural extension activities. England, Wales, Sweden, Finland, Poland, and Spain. J. M. Stedman. October, 1927.
- ESC 63. Sweet clover. Excerpts from 1926 annual reports of State and county extension agents. M. C. Wilson and O. S. Fisher. November, 1927.
- ESC 64. Effectiveness of dairy extension. A study of 192 dairy farms in Mercer, Hunterdon, and Warren Counties, N. J., 1926. M. C. Wilson and A. M. Hulbert. November, 1927.
- ESC 65. The agricultural extension program in relation to farm income and farm life. C. B. Smith. November, 1927. (Address at Country Life Conference, East Lansing, Mich., August 3, 1927.)
- ESC 66. County-agent standards. H. W. Gilbertson. January, 1928. (Revision of ESC 17, July, 1926, County-agent standards.)
- ESC 67. Foreign agricultural extension activities. Ecuador, Brazil, Czechoslovakia, Germany, and India. J. M. Stedman. January, 1928.
- ESC 68. Agricultural instruction - A means of establishing better racial relations in Southern communities. E. H. Shinn. February, 1928. (Address at the Negro Educational Conference, Nashville, Tenn., August 1, 1927, and the Negro State Teachers' Association, Little Rock, Ark., November 11, 1927.)
- ESC 69. Opportunities for students of agricultural colleges. E. H. Shinn. March, 1928.
- ESC 70. Lantern slides for rural communities. C. H. Hanson. March, 1928.
- ESC 71. The place of 4-H clubs in the American system of public education. Alfred Charles True. March, 1928.
- ESC 72. Extension work with rural young people above 4-H club age. R. A. Turner. April, 1928.
- ESC 73. Farmers' institutes, 1927. J. M. Stedman. April, 1928.
- ESC 74. Summary of distinctive features of 1927 home demonstration reports of the 11 Western States. Madge J. Reese. April, 1928.
- ESC 75. Foreign agricultural extension activities. England, France, Sweden, Belgium, Italy, Switzerland, Germany. J. M. Stedman. April, 1928.
- ESC 76. Statistical results of cooperative extension work, 1927. M. C. Wilson. April, 1928.

- ESC 77. Extension results as influenced by various factors. A study of 532 farms and farm homes in Clay and Sedgwick Counties, Kans., 1927. M. C. Wilson and A. L. Clapp. May, 1928.
- ESC 78. Distribution of bulletins and their use by farmers. M. C. Wilson. May. 1928.
- ESC 79. Effectiveness of poultry extension. A study of 612 farms with poultry in Franklin, Miami, and Guernsey Counties, Ohio, 1927. M. C. Wilson and J. E. McClintock. May, 1928.
- ESC 80. Objectives in a program of rural-life improvement. E. H. Shinn. June, 1928.
- ESC 81. Report of European trip. Grace E. Frysinger. June, 1928.
- ESC 82. Challenge of the unified extension program. Eugene Merritt. June, 1928. (Address at 11 Western States Regional Conference, Laramie, Wyo., July 9, 1928.)
- ESC 83. Some extension administrative problems. C. B. Smith. July, 1928. (Address delivered at Central States Extension Conference, State College of Agriculture, Urbana, Ill., May 22 to 24, 1928.)
- ESC 84. Foreign agricultural extension activities. England and Wales, Denmark, Finland, Germany, and India. J. M. Stedman. July, 1928.
- ESC 85. Home industries. Excerpts from 1927 annual reports of State and county extension agents. M. C. Wilson. August, 1928.
- ESC 86. The public attitude toward extension work. C. W. Warburton. July, 1928.
- ESC 87. Interpretation of the Smith-Lever Act. C. W. Warburton. July, 1928. (Address presented before the Extension Section of the American Home Economics Association, Des Moines, Iowa. June 28, 1928.)
- ESC 88. Extension program development - 1927. Excerpts from 1927 annual reports of State and county extension agents. M. C. Wilson. October, 1928.
- ESC 89. Effectiveness of extension in influencing rural people. A study of 379 farm and farm homes in Newport, Providence, and Kent Counties, R. I., 1928. J. M. Stedman and George E. Adams. October, 1928.
- ESC 90. Foreign agricultural extension activities. Canada, Scotland, and India. J. M. Stedman. October, 1928.
- ESC 91. Farm buildings and farm machinery. Excerpts from 1927 annual reports of State and county extension agents. M. C. Wilson, October, 1928.

- ESC 92. The relationship of the extension service to farmers' cooperative associations. C. B. Smith. October, 1928. (Address before the National Cooperative Milk Producers' Association, Memphis, Tenn., October 18, 1928.)
- ESC 93. Factors which affect extension morale. C. W. Warburton. November, 1928. (Address presented at the Kentucky State Extension Conference, October 25, 1928, and at the Iowa State Extension Conference, November 1, 1928.)
- ESC 94. Classified list of articles in the United States Department of Agriculture Yearbook for 1927. F. A. Merrill. December, 1928.
- ESC 95. Filmstrips in the teaching of agriculture. C. H. Hanson. January, 1929.
- ESC 96. Foreign agricultural extension activities. England, Wales, Uruguay, Italy, Germany, New Zealand, and South Africa. J. M. Stedman. January, 1929.
- ESC 97. Extension results as influenced by various factors. A study of 451 farms and farm homes in Jackson and Menominee Counties, Mich., 1928. M. C. Wilson and R. J. Baldwin. February, 1929.
- ESC 98. How to find and apply economic material as a background for a farm and home program. Eugene Merritt. February, 1929. (A paper read before the North Atlantic Regional Conference, Washington, D. C., February 26, 1929.)
- ESC 99. The house we build. James S. Taylor. April, 1929. (A paper read before the Eastern States Extension Conference, Washington, D. C., February 27, 1929.)
- ESC 100. Foreign agricultural extension activities. Canada, Paraguay, Norway, Sweden, and South Africa. J. M. Stedman. April, 1929.

Subject List
of Department of Agriculture Extension Service Circulars

Agricultural education

Extension projects in rural community organization. C. H. Schopmeyer.
(U. S. Ext. Serv. Circ. 43. May, 1927.)

Does education pay the farmer? F. A. Merrill. (U. S. Ext. Serv.
Circ. 52. Aug., 1927.)

Special courses for preparation of agricultural and home-economics
extension teachers. E. H. Shinn and F. A. Merrill. (U. S. Ext.
Serv. Circ. 55. Sept., 1927.)

A study of land-grant college curricula with reference to special
courses for the preparation of agricultural and home-economics
extension teachers without considering agricultural, home-
economics, and closely related science subjects. E. H. Shinn
and F. A. Merrill. (U. S. Ext. Serv. Circ. 59, Oct., 1927.)

Agricultural instruction - A means of establishing better racial
relations in southern communities. E. H. Shinn. (U. S. Ext.
Serv. Circ. 68. Feb., 1928.)

Address at the Negro Educational Conference, Nashville,
Tenn., Aug. 1, 1927, and the Negro State Teachers' Association,
Little Rock, Ark., Nov. 11, 1927.

Opportunities for students of agricultural colleges. E. H. Shinn.
(U. S. Ext. Serv. Circ. 69. Mar., 1928.)

Agronomy (general)

*Effect of weather conditions on percentage of moisture in market
corn. O. S. Fisher. (U. S. Ext. Serv. Circ. 5. Apr., 1926.)

*Extension work in agronomy, 1925. O. S. Fisher. (U. S. Ext.
Serv. Circ. 18. July, 1926.)

Books

*Selected list of books for use in 4-H club work. Gertrude L.
Warren. (U. S. Ext. Serv. Circ. 12. June, 1926.)

Bulletins

Influence of bulletins, news stories, and circular letters upon
farm practices with special reference to methods of bulletin
distribution. M. C. Wilson. (U. S. Ext. Serv. Circ. 57.
Sept., 1927.)

Address at conference of American Association of Agricul-
tural College Editors, Fort Collins, Colo., Aug. 23-26, 1927.

*Supply exhausted. Copies have been sent to State agricultural college
libraries and to experiment station libraries for reference use.

Bulletins (continued)

Distribution of bulletins and their use by farmers. M. C. Wilson. (U. S. Ext. Serv. Circ. 73. May, 1928.)

Central States

*Comments on extension work in the North Central States. C. B. Smith. (U. S. Ext. Serv. Circ. 11. June, 1926.)

Clothing

Clothing construction. Excerpts from 1926 annual reports of State and county extension agents. M. C. Wilson. (U. S. Ext. Serv. Circ. 34. Feb., 1927.)

Summary of information. Clothing project, 1926. Madge J. Reese. (U. S. Ext. Serv. Circ. 47. June, 1927.)

*Local leadership. Clothing project. Excerpts from 1926 annual reports of State and county extension agents. Madge J. Reese and M. C. Wilson. (U. S. Ext. Serv. Circ. 49. July, 1927.)

Club work

*Club data from extension studies. M. C. Wilson. (U. S. Ext. Serv. Circ. 4. Apr., 1926.) ✓

*Junior poultry clubs. Excerpts from 1924 annual reports of State and county extension agents. M. C. Wilson. (U. S. Ext. Serv. Circ. 7. May, 1926.) ✓

*Selected list of books for use in 4-H club work. Gertrude L. Warren. (U. S. Ext. Serv. Circ. 12. June, 1926.) ✓

*Growth work with 4-H clubs. Miriam Birdseye. (U. S. Ext. Serv. Circ. 14. Oct., 1926.) ✓

*The older girl in the extension program. Gertrude L. Warren. (U. S. Ext. Serv. Circ. 15. July, 1926.) ✓

*Games for 4-H clubs - tag games. R. G. Foster. (U. S. Ext. Serv. Circ. 16. July, 1926.) ✓

Training 4-H leadership. R. G. Foster. (U. S. Ext. Serv. Circ. 37. Mar., 1927.) ✓

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

Club work (continued)

Attitudes and problems of farm youth. E. L. Kirkpatrick.
(U. S. Ext. Serv. Circ. 46. June, 1927.)

Use of illustrative material in the promotion of boys' and girls' 4-H club work. C. H. Hanson. (U. S. Ext. Serv. Circ. 53. Aug., 1927.)

The place of 4-H clubs in the American system of public education. Alfred Charles True. (U. S. Ext. Serv. Circ. 71. Mar., 1923.)

Extension work with rural young people above 4-H club age. R. A. Turner. (U. S. Ext. Serv. Circ. 72. Apr., 1928.)

Cooperative associations

The relationship of the extension service to farmers' cooperative associations. C. B. Smith. (U. S. Ext. Serv. Circ. 92. Oct., 1928.)

Address before the National Cooperative Milk Producers' Association, Memphis, Tenn., Oct. 18, 1928.

County agricultural agent work (general)

*County-agent standards. H. W. Gilbertson. (U. S. Ext. Serv. Circ. 17. July, 1926. For revision see U. S. Ext. Serv. Circ. 66. Jan., 1928.)

County-agent supervision. H. W. Gilbertson. (U. S. Ext. Serv. Circ. 21. July, 1926.)

Teaming with the county agent. H. W. Hochbaum. (U. S. Ext. Serv. Circ. 58. Oct., 1927.)

Address at American Association of Agricultural College Editors, Fort Collins, Colo., Aug. 23-26, 1927.

County-agent standards. H. W. Gilbertson. (U. S. Ext. Serv. Circ. 66. Jan., 1928. Revision of U. S. Ext. Serv. Circ. 17. July, 1926.)

Crops

*Effect of weather conditions on percentage of moisture in market corn. O. S. Fisher. (U. S. Ext. Serv. Circ. 5. Apr., 1926.)

Alfalfa. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson and O. S. Fisher. (U. S. Ext. Serv. Circ. 28. Nov., 1926.)

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

Crops (continued)

Seed-potato improvement and certification. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. (U. S. Ext. Serv. Circ. 54. Aug., 1927.)

Sweet clover. Excerpts from 1926 annual reports of State and county extension agents. M. C. Wilson and O. S. Fisher. (U. S. Ext. Serv. Circ. 63. Nov., 1927.)

Crop diseases

Copper-carbonate treatment for stinking smut of wheat. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. (U. S. Ext. Serv. Circ. 40. Mar., 1927.)

Potato spraying. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. (U. S. Ext. Serv. Circ. 45. June, 1927.)

Orchard spraying. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. (U. S. Ext. Serv. Circ. 61. Oct., 1927.)

Dairying

Effectiveness of dairy extension. A study of 192 dairy farms in Mercer, Hunterdon, and Warren Counties, N. J., 1926. M. C. Wilson and A. M. Hulbert. (U. S. Ext. Serv. Circ. 64. Nov., 1927.)

Demonstration

A study of demonstrations as used in cooperative extension work. W. J. Wright. (U. S. Ext. Serv. Circ. 26. Oct., 1926.)

Excerpts from reports

*Junior poultry clubs. Excerpts from 1924 annual reports of State and county extension agents. M. C. Wilson. (U. S. Ext. Serv. Circ. 7. May, 1926.)

Swine sanitation. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson and C. D. Lowe. (U. S. Ext. Serv. Circ. 22. Aug., 1926.)

*Marketing activities - farm women and girls. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson. (U. S. Ext. Serv. Circ. 24. Sept., 1926.)

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

Excerpts from reports (continued)

*Poultry housing. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson. (U. S. Ext. Serv. Circ. 25. Oct., 1926.)

Alfalfa. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson and O. S. Fisher. (U. S. Ext. Serv. Circ. 28. Nov., 1926.)

House furnishings. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson. (U. S. Ext. Serv. Circ. 29. Nov., 1926.)

Kitchen arrangement. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson. (U. S. Ext. Serv. Circ. 30. Dec., 1926.)

Clothing construction. Excerpts from 1926 annual reports of State and county extension agents. M. C. Wilson. (U. S. Ext. Serv. Circ. 34. Feb., 1927.)

Copper-carbonate treatment for stinking smut of wheat. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. (U. S. Ext. Serv. Circ. 40. Mar., 1927.)

Potato spraying. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. (U. S. Ext. Serv. Circ. 45. June, 1927.)

*Local leadership. Clothing project. Excerpts from 1926 annual reports of State and county extension agents. Madge J. Reese and M. C. Wilson. (U. S. Ext. Serv. Circ. 49. July, 1927.)

Seed-potato improvement and certification. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. (U. S. Ext. Serv. Circ. 54. Aug., 1927.)

Marketing activities - farm women and girls. Excerpts from 1926 annual reports of State and county extension agents. M. C. Wilson. (U. S. Ext. Serv. Circ. 56. Sept., 1927.)

Orchard spraying. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. (U. S. Ext. Serv. Circ. 61. Oct., 1927.)

Sweet clover. Excerpts from 1926 annual reports of State and county extension agents. M. C. Wilson and O. S. Fisher. (U. S. Ext. Serv. Circ. 63. Nov., 1927.)

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

Excerpts from reports (continued)

Home industries. Excerpts from 1927 annual reports of State and county extension agents. M. C. Wilson. (U. S. Ext. Serv. Circ. 85. Aug., 1928.)

Extension program development - 1927. Excerpts from 1927 annual reports of State and county extension agents. M. C. Wilson. (U. S. Ext. Serv. Circ. 88. Oct., 1928.)

Extension studies

*Club data from extension studies. M. C. Wilson. (U. S. Ext. Serv. Circ. 4. Apr., 1926.)

A study of demonstrations as used in cooperative extension work. W. J. Wright. (U. S. Ext. Serv. Circ. 26. Oct., 1926.)

Local leadership and the effectiveness of extension work in reaching rural people. A study of 169 local extension leaders, 439 farms, and 92 village homes in Hamlin County, S. Dak., 1925. M. C. Wilson and W. F. Kumlien. (U. S. Ext. Serv. Circ. 33. Dec., 1926.)

Measuring the progress of extension work. A study of 590 farms and farm homes in two Illinois counties. M. C. Wilson, W. H. Smith, and Kathryn Van Aken. (U. S. Ext. Serv. Circ. 51. July, 1927.)

Influence of bulletins, news stories, and circular letters upon farm practices with special reference to methods of bulletin distribution. M. C. Wilson. (U. S. Ext. Serv. Circ. 57. Sept., 1927.)

Address at conference of American Association of Agricultural College Editors, Fort Collins, Colo., Aug. 23-26, 1927.

Effectiveness of dairy extension. A study of 192 dairy farms in Mercer, Hunterdon, and Warren Counties, N. J., 1926. M. C. Wilson and A. M. Hulbert. (U. S. Ext. Serv. Cir. 64. Nov., 1927.)

Extension results as influenced by various factors. A study of 532 farms and farm homes in Clay and Sedgwick Counties, Kans., 1927. M. C. Wilson and A. L. Clapp. (U. S. Ext. Serv. Circ. 77. May, 1928.)

Distribution of bulletins and their use by farmers. M. C. Wilson. (U. S. Ext. Serv. Circ. 78. May, 1928.)

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

Extension studies (continued)

Effectiveness of poultry extension. A study of 612 farms with poultry in Franklin, Miami, and Guernsey Counties, Ohio, 1927. M. C. Wilson and J. E. McClintock. (U. S. Ext. Serv. Circ. 79. May, 1928.)

Effectiveness of extension in influencing rural people. A study of 379 farms and farm homes in Newport, Providence, and Kent Counties, R. I., 1928. J. M. Stedman and George E. Adams. (U. S. Ext. Serv. Circ. 89. Oct., 1928.)

Extension results as influenced by various factors. A study of 451 farms and farm homes in Jackson and Menominee Counties, Mich., 1928. M. C. Wilson. (U. S. Ext. Serv. Circ. 97. Feb., 1929.)

Farmers' institutes

Farmers' institutes, 1926. J. M. Stedman. (U. S. Ext. Serv. Circ. 39. Apr., 1927.)

Farmers' institutes, 1927. J. M. Stedman. (U. S. Ext. Serv. Circ. 73. Apr., 1928.)

Foreign extension activities

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